

## ENVIRONMENTAL QUALITY

### CHAPTER 70

#### RADIATION CONTROL

Pursuant to Chapter 73, Laws of Montana 1997, effective July 1, 1997, the radiation control program is transferred from the Department of Environmental Quality, Title 17 to the Department of Public Health and Human Services, Title 37. The repealed rules will appear in the "Repealed Rules" table in back of Title 37 Administrative Rules of Montana. The rules will be renumbered as follows:

<u>OLD</u>	<u>NEW</u>	
17.70.101	37.14.101	Policy
17.70.102	37.14.102	Definitions
17.70.103	37.14.106	Exemptions
17.70.104	37.14.107	Records
17.70.105	37.14.108	Inspections
17.70.106	37.14.115	Tests
17.70.107	37.14.116	Prohibited Uses
17.70.108	37.14.120	Communications
17.70.201	37.14.301	Purpose
17.70.202	37.14.302	Definitions
17.70.203	37.14.306	Exemptions
17.70.204	37.14.307	Registration
17.70.205	37.14.315	Out-of-State Radiation Machines
17.70.301	37.14.501	Purpose
17.70.302	37.14.505	Exemptions: Source Material
17.70.303	37.14.506	Exemptions: Radioactive Material other than Source Material
17.70.308	37.14.510	Licenses: Types of Licenses
17.70.309	37.14.511	General Licenses: Source Material
17.70.310	37.14.512	General Licenses: Radioactive Material other than Source Material
17.70.311	37.14.513	General Licenses: Intrastate Transportation of Radioactive Material
17.70.312	37.14.520	Specific Licenses: Filing Application for Specific Licenses
17.70.313	37.14.521	Specific Licenses: General Requirements for the Issuance of Specific Licenses
17.70.314	37.14.540	Specific Licenses: Special Requirements for Issuance of Certain Specific Licenses for Radioactive Material
17.70.315	37.14.541	Specific Licenses: Special Requirements for Specific Licenses of Broad Scope

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17.70.316	37.14.542	Specific Licenses: Special Requirements for a Specific License to Manufacture, Assemble, Repair, or Distribute Commodities, Products, or Devices which Contain Radioactive Material
17.70.317	37.14.522	Specific Licenses: Issuance of
17.70.318	37.14.526	Specific Licenses: Specific Terms and Conditions of License
17.70.319	37.14.527	Specific Licenses: Expiration of Licenses
17.70.320	37.14.528	Specific Licenses: Renewal of License
17.70.321	37.14.529	Specific Licenses: Amendment of Licenses at Request of Licensee
17.70.322	37.14.535	Specific Licenses: Department Action on Applications to Renew and Amend
17.70.323	37.14.543	Specific Licenses: Persons Possessing a License for Source, Byproduct, or Special Nuclear Material in Quantities not Sufficient to Form a Critical Mass
17.70.324	37.14.546	Existing Specific Licenses: NARM
17.70.325	37.14.547	Specific Licenses: Transfer of Material
17.70.326	37.14.550	Specific Licenses: Modification, Revocation, and Termination
17.70.330	37.14.551	Reciprocity
17.70.331	37.14.552	Transportation: Preparation of Material
17.70.401	37.14.701	Purpose and Scope
17.70.402	37.14.705	Permissible Doses, Levels and Concentrations: Radiation Dose to Individuals in Restricted Areas
17.70.403	37.14.706	Permissible Doses, Levels, and Concentrations: Determination of Accumulated Dose
17.70.404	37.14.707	Permissible Doses, Levels, and Concentrations: Exposure of Individuals to Concentrations of Radioactive Material in Air in Restricted Areas
17.70.405	37.14.708	Permissible Doses, Levels, and Concentrations: Exposure of Minors
17.70.406	37.14.709	Permissible Doses, Levels, and Concentrations: External Sources in Unrestricted Areas
17.70.407	37.14.710	Permissible Doses, Levels, and Concentrations: Radioactivity in

Effluents to Unrestricted Areas

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17.70.408	37.14.711	Permissible Doses, Levels, and Concentrations: Orders Requiring Furnishing of Bioassay Services
17.70.412	37.14.720	Precautionary Procedures: Surveys
17.70.413	37.14.721	Precautionary Procedures: Personnel Monitoring
17.70.414	37.14.725	Precautionary Procedures: Caution Signs, Labels, and Signals
17.70.415	37.14.726	Precautionary Procedures: Exceptions from Posting and Labeling Requirements
17.70.416	37.14.729	Precautionary Procedures: Instruction of Personnel
17.70.417	37.14.730	Precautionary Procedures: Storage and Control of Sources of Radiation
17.70.418	37.14.731	Precautionary Procedures: Procedures for Picking Up, Receiving, and Opening Packages
17.70.422	37.14.740	Waste Disposal: General Requirement
17.70.423	37.14.741	Waste Disposal: Method of Obtaining Approval of Proposed Disposal Procedures
17.70.424	37.14.742	Waste Disposal: Disposal by Release into Sanitary Sewerage Systems
17.70.425	37.14.743	Waste Disposal: Disposal by Burial in Soil
17.70.426	37.14.744	Waste Disposal: Disposal by Incineration
17.70.430	37.14.750	Records, Reports and Notification: Surveys, Radiation Monitoring, Disposal
17.70.431	37.14.751	Records, Reports, and Notification: Reports of Theft or Loss of Sources of Radiation
17.70.432	37.14.755	Records, Reports, and Notification: Notification of Incidents
17.70.433	37.14.756	Records, Reports, and Notification: Reports of Overexposures and Excessive Levels and Concentrations
17.70.434	37.14.757	Records, Reports, and Notification: Vacating Premises
17.70.435	37.14.758	Records, Reports, and Notification: Notifications and Reports to Individuals
17.70.501	37.14.801	Purpose
17.70.502	37.14.802	Scope
17.70.503	37.14.803	Definitions

17.70.507 37.14.810 Equipment Control: Limits on Levels  
of Radiation

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17.70.508	37.14.811	Equipment Control: Locking of Sources of Radiation
17.70.509	37.14.812	Equipment Control: Storage Precautions
17.70.510	37.14.820	Equipment Control: Radiation Survey Instruments
17.70.511	37.14.813	Equipment Control: Leak Testing, Repair, Tagging, Opening, Modification, and Replacement of Sealed Sources
17.70.512	37.14.816	Equipment Control: Quarterly Inventory
17.70.513	37.14.817	Equipment Control: Utilization Logs
17.70.514	37.14.821	Equipment Control: Inspection and Maintenance: Radiographic Exposure Devices and Storage Containers
17.70.515	37.14.823	Equipment Control: Inspection and Maintenance: High Radiation Area Control Devices or Alarm Systems
17.70.520	37.14.830	Personal Radiation Safety Requirements for Radiographers and Radiographers' Assistants: Limitations
17.70.521	37.14.831	Personal Radiation Safety Requirements for Radiographers and Radiographers' Assistants: Operating and Emergency Procedures
17.70.522	37.14.832	Personal Radiation Safety Requirements for Radiographers and Radiographers' Assistants: Personnel Monitoring Control
17.70.525	37.14.833	Precautionary Procedures in Radiographic Operations: Security
17.70.526	37.14.840	Precautionary Procedures in Radiographic Operations: Posting
17.70.527	37.14.841	Precautionary Procedures in Radiographic Operations: Radiation Surveys and Survey Records
17.70.528	37.14.845	Precautionary Procedures in Radiographic Operations: Records Required at Temporary Job Sites
17.70.529	37.14.846	Precautionary Procedures in Radiographic Operations: Special Requirements and Exemptions for Enclosed Radiography

17.70.601	37.14.1001	Scope
17.70.602	37.14.1002	Definitions
17.70.603	37.14.1003	General Safety Provisions
17.70.604	37.14.1005	Prohibited Use
17.70.605	37.14.1006	Fluoroscopic Installations

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17.70.609	37.14.1010	Dental Radiographic Installations
17.70.610	37.14.1011	Veterinary Medicine Radiographic Installations
17.70.611	37.14.1012	Radiographic Installations other than Dental and Veterinary Medicine
17.70.615	37.14.1020	Special Requirements for Mobile Diagnostic Radiographic Equipment
17.70.616	37.14.1021	Special Requirements for Chest Photofluorographic Installations
17.70.617	37.14.1022	Therapeutic X-ray Installations
17.70.701	37.14.1101	Scope
17.70.702	37.14.1105	Interstitial, Intracavitary and Superficial Applications
17.70.703	37.14.1106	Teletherapy
17.70.801	37.14.1301	Scope
17.70.802	37.14.1302	Definitions
17.70.803	37.14.1305	Equipment Requirements
17.70.804	37.14.1306	Area Requirements
17.70.805	37.14.1307	Operating Requirements
17.70.806	37.14.1308	Personnel Requirements
17.70.901	37.14.1401	Purpose
17.70.902	37.14.1405	Registration Procedures and Requirements
17.70.903	37.14.1406	General Registration Procedure and Requirements: Human Use of Particle Accelerators
17.70.904	37.14.1407	Registrations Procedure: Human Use of Particle Accelerators
17.70.908	37.14.1415	Compliance
17.70.909	37.14.1416	Limitations
17.70.910	37.14.1417	Shielding and Safety Design Requirements
17.70.911	37.14.1418	Particle Accelerator Controls and Interlock Systems
17.70.912	37.14.1425	Warning Devices
17.70.913	37.14.1426	Operating Procedures
17.70.916	37.14.1430	Radiation Monitoring Requirements
17.70.917	37.14.1431	Ventilation Systems
17.70.1001	37.14.1701	Purpose and Scope
17.70.1002	37.14.1705	Posting of Notices to Workers
17.70.1003	37.14.1706	Instructions to Workers
17.70.1004	37.14.1707	Notifications and Reports to Individuals

17.70.1005	37.14.1720	Inspection Procedures
17.70.1006	37.14.1721	Consultation with Workers during Inspections

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17.70.1101	37.14.1801	Scope
17.70.1102	37.14.1805	Permissible Concentrations and Levels of Radiation
17.70.1103	37.14.1806	Stabilization of Tailings Piles and Ponds from Mills

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